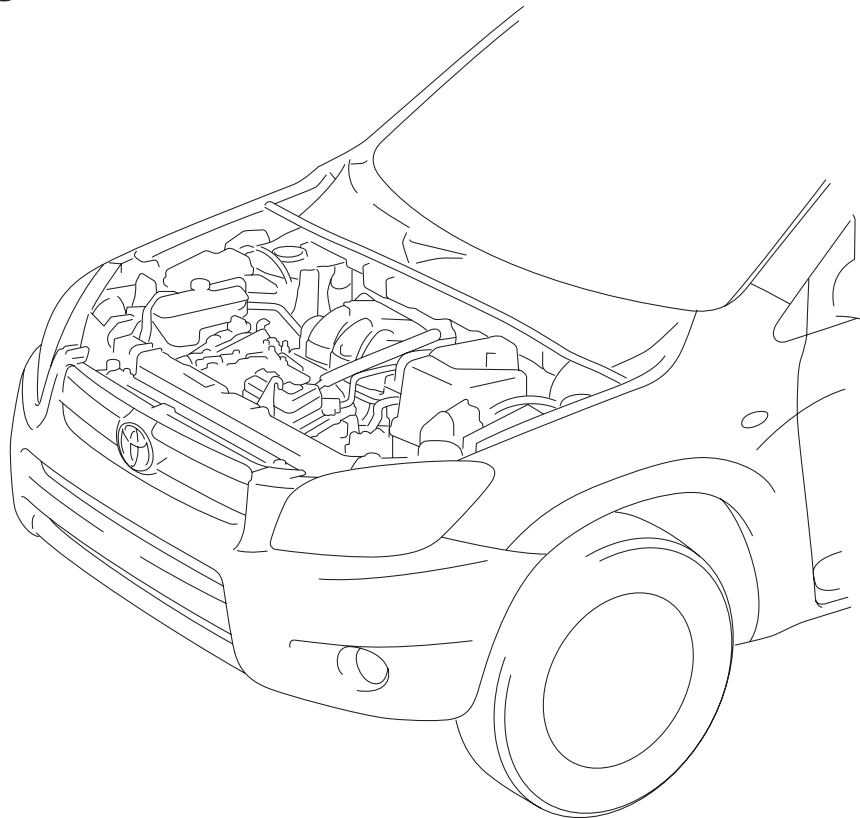
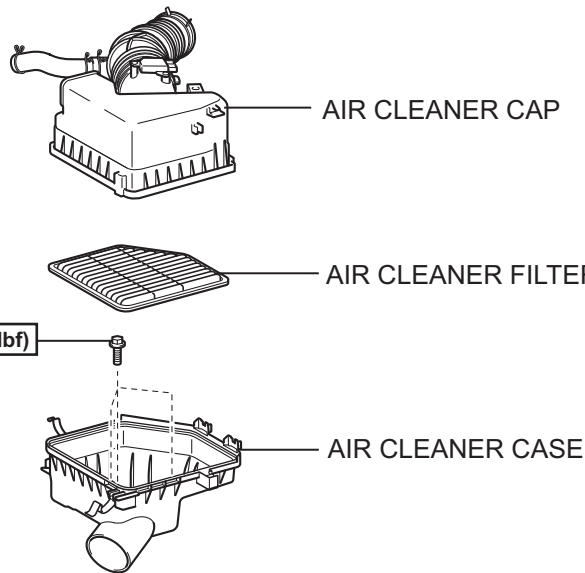
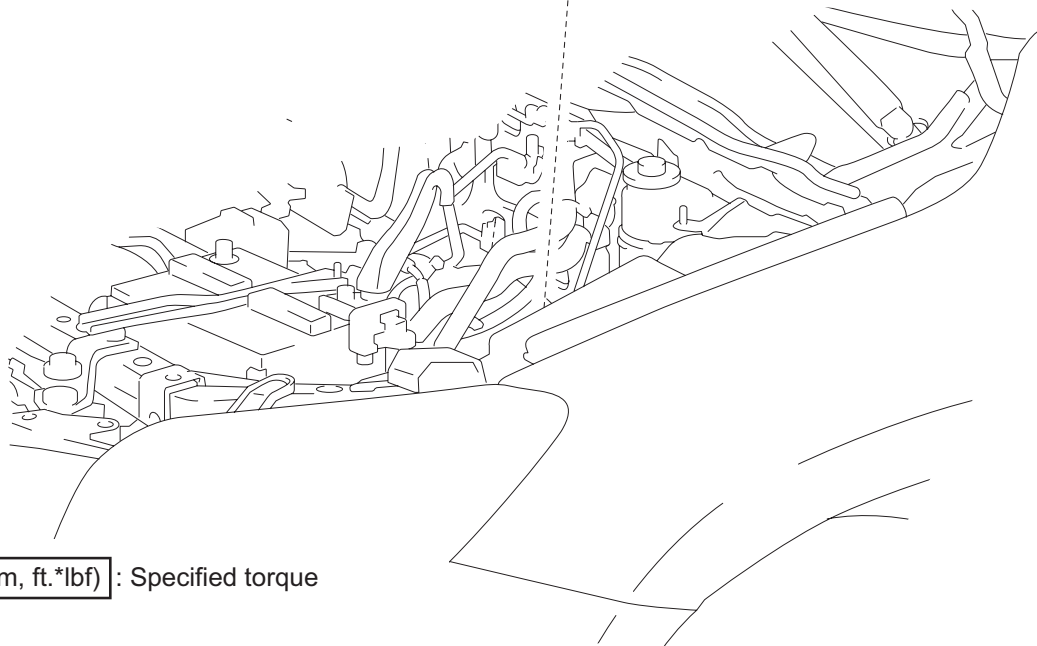
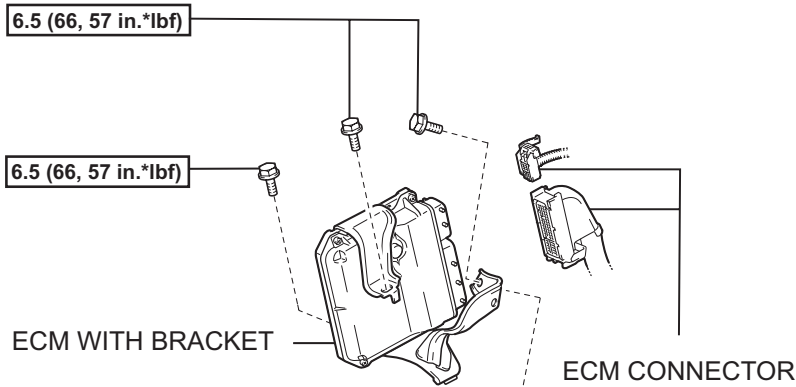
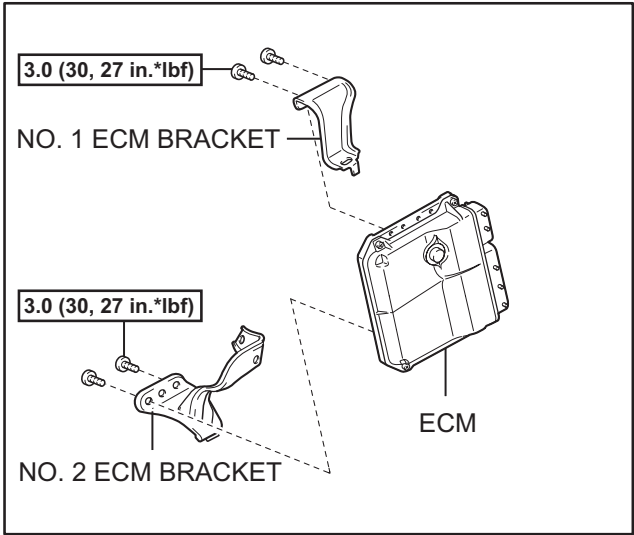


# ECM

## COMPONENTS



**N\*m (kgf\*cm, ft.\*lbf) : Specified torque**



N\*m (kgf\*cm, ft.\*lbf) : Specified torque

## REMOVAL

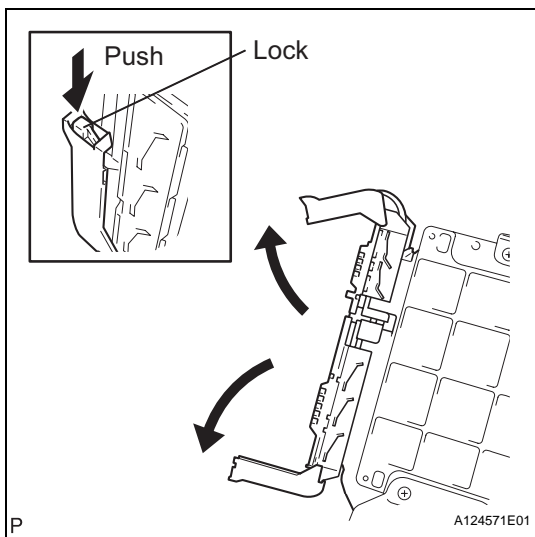
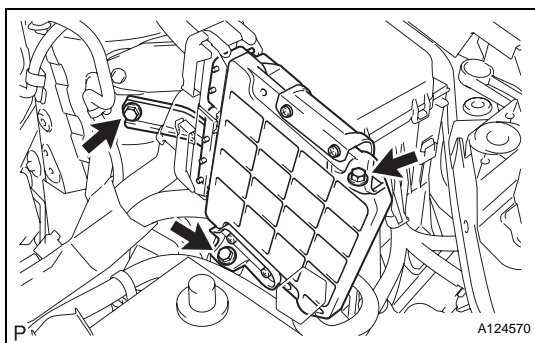
1. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

**CAUTION:**

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

2. REMOVE AIR CLEANER CAP (See page EM-23)
3. REMOVE AIR CLEANER CASE (See page EM-23)
4. REMOVE ECM

(a) Remove the 3 bolts of the ECM bracket.



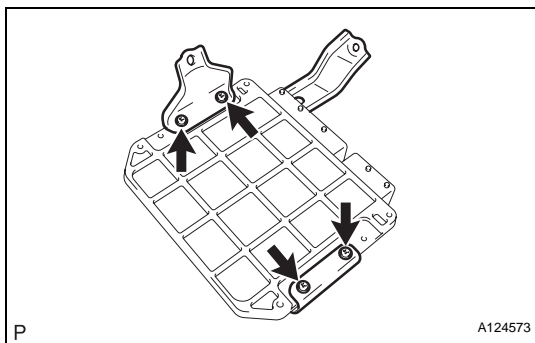
(b) Disconnect the 2 ECM connectors.

**NOTICE:**

After disconnecting the connector, make sure that dirt, water and other foreign matter does not contact the connecting part of the connector.

(1) Raise the 2 levers while pushing the locks on the 2 levers, and disconnect the 2 ECM connectors.

(c) Remove the ECM with bracket.

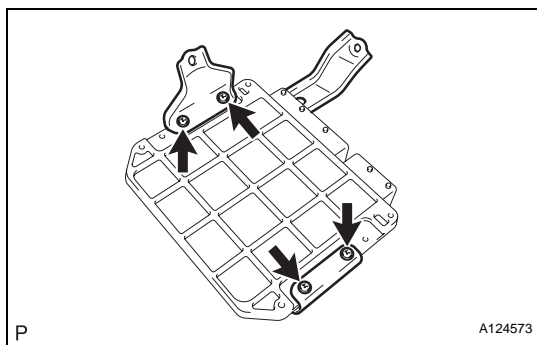


(d) Remove the 4 screws and 2 ECM brackets.

## INSTALLATION

### 1. INSTALL ECM

- (a) Install the 2 brackets to the ECM with the 4 screws.  
Torque: 3.0 N\*m (30 kgf\*cm, 27 in.\*lbf)



- (b) Connect the 2 ECM connectors.

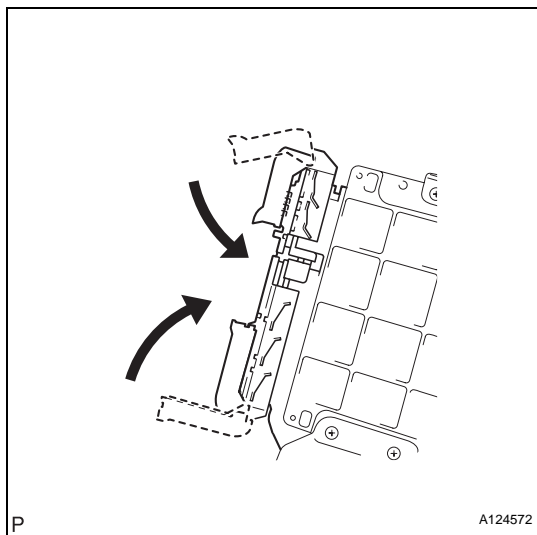
#### NOTICE:

When connecting the connector, make sure that dirt, water and other foreign matter does not become stuck between the connector and other part.

- (1) Connect the 2 ECM connectors and lower the 2 levers.

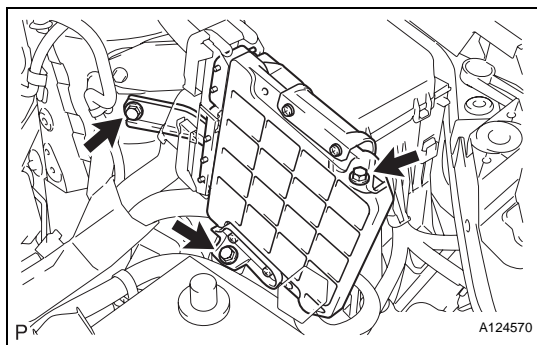
#### NOTICE:

Make sure that the 2 levers are securely lowered.



- (c) Install the ECM with the 3 bolts.

Torque: 6.5 N\*m (66 kgf\*cm, 57 in.\*lbf)



### 2. INSTALL AIR CLEANER CASE (See page [EM-39](#))

### 3. INSTALL AIR CLEANER CAP (See page [EM-39](#))

### 4. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

### 5. PERFORM REGISTRATION

- (a) When replacing the ECM, the Vehicle Identification Number (VIN) must be input into the replacement the new ECM (see page [ES-14](#)).
- (b) When replacing the ECM, perform the vehicle stability control system recognition in the ECM (see page [CC-12](#)).

### 6. RESET MEMORY

- (a) 2WD:  
When replacing the ECM, perform the RESET MEMORY procedure (A/T initialization) (see page [AX-20](#)).
- (b) 4WD:  
When replacing the ECM, perform the RESET MEMORY procedure (A/T initialization) (see page [AX-20](#)).